

# METHOD AND APPARATUS FOR TWO-LAYER CENTRIFUGAL BONDING OF HOLLOW YARN MEMBRANE MODULE

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Inventor: OMORI AKIHIRO; KIKUCHI TOSHIAKI

Applicant: ASAHI CHEMICAL IND

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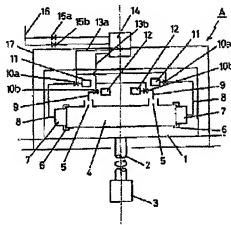
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## Abstract of JP11033365

**PROBLEM TO BE SOLVED:** To shorten a bonding time by executing a bonding process without stopping the rotation of the rotary member of a centrifugal bonding apparatus at a time of two-layer centrifugal bonding using an adhesive and a flexible resin while enhancing the protecting effect of a bonding interface by introducing the flexible resin into the spaces between hollow yarn membranes deeply to form flexible resin layers in a uniform thickness. **SOLUTION:** Air drive valves 10a, 10b are provided between a hollow yarn membrane module case 4 and an adhesive container 11 and between the hollow yarn membrane module case 4 and a flexible resin container 12 and operated by supplying compressed air from the outside of a rotary rack 1 through the air pipings 13a, 13b provided to the rotary shaft 2 of the rotary rack 1 to enable the opening and closing of injection tubes 8, 9.



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